

**IN THE ABSTRACT**

Please amend the Abstract as the follows:

Q2  
-- Information ~~When information~~ to be recorded is encrypted by using an encryption key, ~~an encryption key~~ based on ~~inherent~~ information inherent in a recording medium is generated. ~~The information to be recorded on the recording medium is encrypted based on the encryption key.~~ The ~~inherent~~ information inherent in the recording medium is a specific information on a disk. When an encrypted information recorded on a recording medium is decrypted, there are reproduced from a recording medium a first file storing information encrypted by using an encryption key generated based on a random data to be inserted into a predetermined portion of the encrypted information to be recorded on a recording medium and a second file storing data indicative of a predetermined portion of the random data to be inserted into a predetermined portion of the encrypted information. The random data is detected from the encrypted information ~~stored the reproduced first file based on the data stored in the reproduced second file and indicating the predetermined portion of the random data.~~ A decryption key is generated from the detected random data. The encrypted information of the reproduced first file is decrypted by using the decryption key.